```
000275 homo sapiens (human) 1y 095y86 homo sapiens (human) de 014865 homo sapiens (human) de 000240 homo sapiens (human) 1y 000279 homo sapiens (human) 1y 095y44 kronpus laevis (human) 1y 0920y41 mus musculus (meuse) ne 0520y41 mes musculus (meuse) ne 0520y41 mes musculus (meuse) ne 0520y41 mes musculus (meuse) ne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Obella rome sapiens (buman), cy (94347 gallus gallus (bhoken) oberd mas musculus d. feus (95)15 mus musculus (buman), ty 09dcql mus musculus (mouse), tr 1900cql mus musculus (mouse), tr 1900cql mus musculus (buman), ly 1900cql mus musculus (bullus) oberve gallus (bullus) (berve) oberve oryetolagus cuniculus (berve)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 015517 homo sapiens (homan), cy
QVJJ16 mus musculus (mouse), to
Q9df34 brachydanio rerio (sebra
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              09div0 brachýdanió recio (gebra
014866 homo sapiens (human), so
015531 homo capiens (human), ap
014763 homo sapiens (human), ap
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         014763 home sapiens (human), ap
09bvc0 home sapiens (human), tu
09gzm4 mus musculus (mouse), ki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   088734 mus musculus (mouse). p8
០១៤១។ mus musculus (៣០.៩៦). 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Q9er14 mus muscalus (mouse), 28
Q9er63 mus muscalus domesticus
                                                                                                                                                                                                                                                                                                                                                                                                                                               Documentation
cursio canis familiaris (dog).
indelf8 felis elivestris corus
(290mm] mus pusculus (meuse). W
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Q62327 mic miscilis (moise).
Q1692 home sapiens (human).
Q5ume's home sapiens (human).
Q9ume'n home sapiens (human).
Oftoner home sapiens (human).
                                                                                                      014720 homo sapiens (human).
015508 homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      homo sapiens (human).
mus muserles (mease).
                                                      About: Results were produced by the GenCore software, version 4.5,
                                                                                                                                                                                                                                                OSER-US09525998_angn1_1_186 - while a firm-3 -16Natiog -Ng_Xi day
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      920000
OM Of: US-09-525-948A-1 to: SPIREMBL_17.* _ AUT_format - pfs
                                                                                                                                                                                        -DELOP-6.000 -DELEXT-7.000 -START-1 -MATRIX-blosum62
-TRANS-burgan40 -Ai | 1787-45 - PowA7 | 1781-200 -THP_STORE-pet-
-THE_MAX-100 - THE MIN-0 -AILGN-15 -WMOB-LOCAL -OUTFMT-pis
-NORM-EXE -MINIEN-0 -MAXIEN-2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                             3.0e-07
5.1e-07
7.9e-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      9.3c-07
1 Fein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .5e ≎€.
90-92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.00 05
1.00-05
1.10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .7e-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .4e-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8e 07
2e-06
2e-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        30-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          10-0i
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3.06-06
                                                                 Copyright (c) 1993-2000 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                              Strd orig 2Score
+ 874 on 1126 of
+ 874 on 1127 of
+ 383 on 489 85
+ 372 50 480 69
+ 382 50 483 24
+ 364 50 455 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3383 00
3372,50
3372,00
3362,50
534,50
533 00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             00 581
00 581
                                                                                                                                                                                                                                                                                                                                  Database: SPTREMHL_17:*
Database sequences: 473505
Database length: 146272329
Search time (sec): 178.77000
                           Date: Apr 23, 2002 10:34 PM
                                                                                                                                                                                                                                                                                          Search information block:
Query: US-09-525-998A-1
                                                                                             Command line parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    sp_rodent.099MM1
sp_human.009275
sp_human.014865
sp_human.006280
sp_human.006280
sp_vertebrate.09PVM
sp_rodent.09274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        sp.vertebrate:090P34 + sp.human:014720 sp.human:014720 sp.human:015548 sp.human:090276 sp.roden:-967377 sp.human:090ME5 sp.human:090ME1 sp.human:090ME1 sp.human:090ME1 sp.human:090ME1 sp.human:090ME1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          sp_vertebrate:091AR7 · sp_rodent:0913R62 · sp_rodent:09JJL5 · sp_human:000278 · · sp_human:000278 · ·
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              sp_vertebrate:09DFV0
sp_human:014866
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                sp_vertebrate-657408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            sp_vertebrate_ouew70
sp_mammal:091079
                                                                                                                                                                                                                                                                                                                    Query length: 1368
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        sp_human:015531
sp_human:014763
sp_human:09HVEU
sp_rodent:09902M4
sp_human:015517
                                                                                                                                                                                                                                                                -WAIT -THREADS-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ep_mammal.047530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           sp_mammal.og45185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                sp_rodent:Q9JJL6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 sp_rodent:09ER63
sp_human:000226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 sp_rodent:Q9DCQ1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 sp_mammal:Q^xs29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  sp_rodent.:09/12A4
                                                                                                                                                                                                                                                                                                                                                                                                                                 score_list:
Sequence
```

```
OSLAP, maraca molatta (thesmost actions and action to salvelinas forminalis yakino maraca nemestrina (pi CASI40 maraca mulatta (thesm CASEME Aallus qallus (chicke
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Canis familiaris (Dog).
Eukaryota: Metazoa: Chordata: Craniata: Vettebrata; Euteleostomi:
Mammalia; Euthoria: Carnivora: Fissipedia: Caridae: Carus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    51 GC18118818888881818AFFFFFFFRAGGGT181TGGAG18315G51GACC 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        151 CANTTENAMENATIONAL STABILICAL MAGGINA 200 HINTONIA STABILICAL 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            201 CITCTAGARDATION CONTRACTOR CONTRACTAL FORM 1 TRACTAGE 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DET STGAGAGGGGTGGTTGAGGGTTGAGAAAAGGAGGTGAGAGAGTGGGGTG 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        84 ysőlaksudigihaéhaéhrAlaserdiuksahlistenkiadháysteu lao
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 ATGGGCCTCTCCCACCGIGCCTGACCTGCTGCTGCCACTGCTCCTGGA 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    51 Historiansphaseriletystathingstyshist, stiffitty 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         67 ileuTyiAsuAspOySProGlyProGlyLeuAspIhiAsp>ysAraGluC 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Duthie S., Masir L., Argyle D.J., Eckersall P.D.;
"Canine tumor necrosis factor receptor, partial eds.";
Submitted (JUL-1997) to the EMBL/GenBank/FORB databases.
EMBL, AACT3975; AAD01516.1;
INSEP. F194.8, TYR.
InterPro; IPR000561; EGF-11ke.
InterPro; IPR001368; INFR.—C6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          21324 MW: SURADÍA5676HELDE CROS4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         01-MAY-1999 (TRIMBLER, 16, Groated)
01-MAY-1999 (TRIMBLER, 16, Last Sequence update)
01-JUN-2001 (TRIMBLER, 17, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ....uqfh: 188
Gaps: 0
Gaps: 0
Gaps: 13cd:11, 81,915
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               THMOR NECROSIS LACTOR RECEPTOR P60 (PRAGMENT).
                                                                                                                                                                                                                                                                                                                                                                                                                                                           IN'S AA
          Align seg 1/1 to: 097530 from: 1 to: 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SMART: SM00208; INPR: 3.
PPOSITE: PG01184: ESDE2: UNRNOWN.1.
PPOSITE: PG0465; INPR BGFE.1: 3.
PPOSITE: ESCOND: INFE-BGFE.2; 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pfam; PF00020; INFR_c6; 3.
ProDom; PD000771; INFR_c6; 1.
          873.00
5.105
30.957
                                                                                                                                                                                                                                                                                                                                                                                                                                                 PELLIMIKANA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              alignment_block:
US 09 525 998A 1 A 97530
                                                                                                                                                                                                                                                                                                      seq_name: sp_mammal:097530
169 AA;
                                                                                                                                                                                                                                                                                                                                                                                                        seq_documentation block.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ouality:
Ratio:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MCBI_TaxID=9615;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Persont Similarity.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IISSUE-BRAIN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           alignment_soures:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Receptor.
NON_TER
SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                097530;
                                                                                                                                                                                                                                                                                                                                                                                                                                                           SETWIND DRAWER TO COOC SET TO
```

17 aLeuLeuValGluIleTyrProLeuArqValThrGlyLeuValProHisL 34

```
Eukaryota, Metazoa, Chordata, Craniata, Veriebrata, Futeleostomi,
Mammalia, Eutheria, Carnivora, Fissipedia, Felidae, Felis,
301 AGCIGCICCAAATGCCGAAAGGAAAIGGGICAGGIGGAGAIGICIICIIG 350
                                              351 CACAGTGGACCGGGACACCGTGTGTGCTGCAGGAAGAACCAGTACCGGC 400
                                                                                                                                                                                                             401 ATTATTGGAGIGAAAACCTTTTCCAGTGCTTCAATTGCAGCCTCTGGCTC 450
                                                                                                                                                                                                                                                                                                                                                                501 CIGCCAIGCAGGIIICIILCIAAGAAAAAAGGAGIGIGIGIGIGIGIAGIA 550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Duthie S., Nasir L., Eckersall P.D.;
Submitted (JAN-1998) to the EMBL/GenBank/DDRJ databases
EMBL; U72344; AAB95089.1; -.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NON_TER 189 189
SEGMENTE 189 AA: 21420 MW: F3FEEDGE809D7UBE CRO54;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           01-FEB-1997 (TrEMBLrel. 02, Created)
01-JUN-1998 (TrEMBLrel. 06, Last sequence update)
01-JUN-2001 (TrEMBLrel. 17, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Percent Identity: 82.447
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TUMOUR NECROSIS FACTOR RECEPTOR P60 (FRAGMENT).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            189 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Align seq 1/1 to: 095185 from: 1 to: 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .Ldc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PLOMIN: PE00020; TNFR_C6; 3.

Profont, Ph000771; TNFR_C6; 1.

SMART; SM00208; TNFR; 3.

PROSITE: PS01186; EGF_2, UNKNOWN_1, PROSITE; PS01186; EGF_2, UNKNOWN_1, PROSITE; PS00552; TNFR_NGFR_1; 3.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    HSSP; P19438; lEXT.
InterPro; IPROOOS61; PGF-11kg.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            InterPro; IPRO01368; TNFR_c6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Felis silvestris catus (Cat).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRELIMINARY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ouality: 866.00
Ratio: 5.186
milarity: 88.830
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            551 ACTIGITAAGAAAGG 564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       184 snCysLysLysAsn 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-525 998A-1 x 095185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       seq_name: sp_mammal:Q95185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  seq_documentation_block:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NCB1_Tax1D-9685;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Percent Similarity:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            alignment_scores:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         alignment_block;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NON_TER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              095185;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        095185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TNFR- I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAC COOR WAR BOOK OF THE PORT OF THE PORT
```

```
"Genomic structure, expression, and chromosome mapping of the mougag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryola, Metažoa, Chordata, Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     homologue for the WSL-1 (DR3, Apo3, TRAMP, LARD, TR3, TNFRSF12) gene.";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Wang E.C.Y., Kitson J., Thern A., Williamson J., Farrow S.N., Owen M.J.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          201 CTHOTACAATGACTGTCCAGGCCGGGGGGGGGTACGGACTGCAGGGAGT 250
                                                                                                                                                                                             251 STGAGAGGGGTTGCTTCARGGCTTCAGAAAGCAGCTCAGAGAGACTGCCTC 300
                                                                                                                                                                                                                              84 ysGluAsnGlyThrPheThrAlaSerGluAsnTyrLeuArgGlnCysLeu 100
                                                                                                                                                                                                                                                             301 AGCTGCTCCAAATGCCGAAAAAAAAAAAAAGAAGCGAGAGATCTCTTG 350
                                                                                                                                                                                                                                                                                                                            351 CACAGTGGACCGGGACACCGTGTGGCTGCAGGAAGGAAGCAGTACCGGC 400
                                                                                                                                                                                                                                                                                                                                              401 ATTATTGGAGTGAAAACCTTTTGCAGTGCTTGCAATTGCAGCCTGTGCGCTC 450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             101 TAGGGGAGAGGAGAGAGAGATAGTGTGTGCCCAAGGAAAATATATC 150
                                                                 151 CACCTCAAAAFAAFFCGAFFFGCFGFACAAAGTGCCACAAAGGAACTA 200
                 EMBL; ĀF329969; AAK11256.1; -.
SEQUENCE 413 AA; 44453 MW; 69F21B85D0DABABF CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (TrEMBLrel. 17, Last sequence update)
(TrEMBLrel. 17, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dercent Identity: 30.652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRT; 413 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       01-JUN-2001 (TrEMBLrel, 17, Created)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDLINE-21158384; PubMed-11261933;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Immunogenetics 53:59-63(2001).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patio: 1.669
Percent Similarity: 50.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ouality: 383.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           551 ACTGTAAGAAAGC 564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          184 snCysLysLysAsn 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         seq_name: sp_rodent:Q99MM1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mus musculus (Mouse).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WSL-1-LIKE PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NCB1_Tax1D-10090;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRAIN-129/SV;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      alignment_scores:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        01-JUN-2001
01-JUN-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , [MM9 9
```

alignment block: -60 - SII Aliqn

9-5	-525-998A-1 x Q99MM1	
E S	seq 1/1 to: Q99MM1 from: 1 to: 413	
25	- CTGCTGCCGCTGGTGCTCCTGGAGCTGTTGGTGGGGAATATACCCCTC HTH HTT HT HT HT HT H	74 34
75 34	AGGGGTTATTGGAVLGGTOVICADOTAGGGGACAGGGGAGAAGAGATA :	124 49
125 50	GTGTGTGTGCGAAGGAAATATATGCAGGGTCAAAAAAAAA	174 54
175 55	TGTACCAAGTGCCACAAAGGAAC 111 111 111111 CysArgGlyCysProLysGlyHl	22 4 71
225	GGGPTAGGATATGGACTGTAGGAGAGTGTAGAGAGGGGTTCTCAGGGTT	274 88
275 88	CASAAAACCACCICASA CACTGOTOCATGOTOCAAAAGGGAAAGGGGAAAGGGGAAAAGGGGAAAAGAGAAAA	321 10 4
322	GAAATGGGTGAGGGGGAGATCTCTTGCACAGTGGAGGGGGGGACAGGT 	371 121
372	GTGTG02TG7A3GAAGAACAGTAAGATTATTGGAGTGAAAACCTTT 	421 128
422		457 143
458 143	-	491 160
492 160		541 176
542 176		576 190
577 191	AAGTTGTGGGTAGGGGAGTTGAGAATGTTAAGGGGGGGG	624 199
625 199	GGCAGCAGTGCIGIIGCCOTGGICAILHGIIHGGICIITGCCITT ::	673 216
674 216	TATCCCTCCTCTTCATTGGTTTAATGTATCGCTACCAACGTGGAAGTCC	723 223
724		773 235
774	GOITGAAGGAACTACIAAAAACACTGGACAAAAAAAAAAAAA	820 247

```
Homo Saptens (Homan).
Pukaryota: Metazoa: Chordata: Craniata: Vertebrata: Bufeleostomi;
Mammalia: Entheria: Primates: Catarrhini: Hominidae: Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE FROM N.A.
MEDLINE-97272273: PubMed-9114049;
SCREEDON G.R., XO X.N., Olsen A.L., Comport A.E., Tan K.,
MCMIchael A.J., Bell J.L.;
"LARD: a new lynghold-specific death domain containing receptor regulated by alternative pre-mRNA splicing.";
Proc. Natl. Acad. Sci. U.S.A. 94:4615-46:9(1997).
HSSP: P19448: 1EXT.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1247 CCARRELGGAGTIGGLGGGAGGGLGCIGGGGAGALGGACTIGGLGGG, 1296
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1047 GAGCCTAGACACTGATGACCCCGCGACCCTGTACGCCGTGGTGGAAACG 1096
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1097 TGCCCCCCTTCCCTCCAAGGAATTCTTGCGCCCCTAGGGCTGAGGACTTA6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1147 CANGAGAL PATROSCIGRAGOTGCAGAACGGGGGGGGTGCTIGNGGGAGGG 1196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    997 GGCA ICH CAARMAN JCI ICAGAAG INGGALMA ALMANANACAAN MAMA TUAB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            355 AlacturicciuAlaValCluValCiulicCysArg...PhcArgAspGt 370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       370 nGlnlyrdluMettenLysArg1rpArg5InGln3LbPro......A 384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   322 aAlaValLeuStr.ProGiyPro...GlnLeuIyrAsp.ValMetAspAlaV 338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             247 euSerAlaSerAspSerAlaHisThrLeu...LeuAlaPro...ProSer 25.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     900 CCCCGGT-ACIGECCCAACIIIGCGGCICCCCGCAGAGAGGIGGCAACAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 821 GTARARIAGASSELIGAGGGGGAGYCIGGGGILAASESSSSSSSSAAL 835
                                                                                                                                                                                                                                                                                          IAIA" 833
                                                                                                                                                                                                                                                                                                                                                                            950 CCIAI...CAGGGGGCTGACCCCATGCTTGCGACACCCTTGCTATGCT 996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    278 rProdlytesSerCinibrGludiuValValTysG.78trAlasorOthir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 01-JUL-1997 (Trexbirel. 04, created)
01-JUL-1997 (Imemula). 04. Last sequence appare)
01-JUL-1997 (Imemula). 17. Last annotative uplate)
01-JUL-1997 (SECFILE). 17. Last annotative uplate)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRI: 418 AA.
                                                                                                                                                                                                                                                                           871 TCCAPPTTCAPSTSCAGGTCCAPS......
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1297 IGCMIGGAGGACALMGAGGAGGCGMI 1323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             401 CysAlaGluAsptouArgSerArgl.cu 409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   InterPro: IPROBOMBE Death.
InterPro: IPROBOMSE: EXE-like.
InterPro: IPROBOME: INF-ch.
Pram: PPOGSI: ANTH-ch.
Pfam: PPOGSI: ANTH-ch. 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                seg_documentation_block:
ID = 000275 PRECIMINARY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          seq_name: sp_human:060275
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NCBI_TaxID 9606;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             000275;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    \begin{array}{c} \mathbf{A} \\ \mathbf{A} \\ \mathbf{C} \\ \mathbf{
```

SMART: SMOODOS; D SMART: SMOODOS; D SMART: SMOODOS; D PROSITE; PSOODOS; PROSITE; PSOODOS; PROSITE; PSOODOS; PROSITE; PSOODOS; PROSITE; PSOODOS; PROSITE; PSOODOS; SEGUENCE 418 AA mment_block: 09-525-998A-1 x 000 an seq 1/1 to: 00 an seq 1/1 to: 01 an seq 1/1 to: 0	SMAN PROS PROS PROS PROS PROS PROS PROS PROS
--	--

203	IGInValLouLeuAlaGIyLeuValValProLeuLeuLeuGlyAlaThrL	220
695	TAATGTATGGTACCAAGGTGGAAGTGCAAGTGTAGTGCATTGTT 	741
742	TGTGGGAAATCGACACCTGAAAAAGAGGGGGGGCTTGAAGGAACTACTAC	<u></u>
235	:::	247
792	TAAGCCCTGGCCCAAAGCCAAGCTCAGTCCACTCCAG	~ ⊔
	OF FOR FOR LOT ALL HESPERSON FOR THE CONTRIBUTION OF THE CONTRIBUT	ē (
853 259	53 GOTTCARCCTRAGGETTTCARGCCGTGGCCARGTTCARCCTTCARCC B	882 273
883	TCC AGCT-CTATACCCGGGGGACAC	606
274	ThrValGlnLeuValGlyAsnSerTrpThrProGlyTyrProGluThrGl	290
910	CONTROL OF THE CONTRO	934
212	GAGAGGTGGCACCACCTATCAGGGGCTGACCCCATCCTTGCGACAGCC	984
307	rgAlaLeuGlyPro	311
985	85 CTCGCTLOGACCCADOCCAACCCTLCAGAAGGGGGGGAACCACTLOG	1034 323
1035	CCACAAGCCACAGAGCTAGATGATGACCCCGGGGGGTGTATGCCG	1084
323	aGlySerProAlaMetMetLeuGlnProGlyProGlnLeuTyrAspV	339
1085 339	TGGTGGAGAAAAYGGGGFTGGGGTGGAAGGAAFFGGFGGGGGGGCGTA 	1134 355
1135	GaactGaacGaccAcGaCGATCGACGGCGGAGCTGCAGACGGGCGCGGCTGTTTTTTTT	118 4 371
372	POTECTOR CARGO CONTRACTA POPURACIONO CARGO CONTRACTO CONTRACTOR CO	1234 388
1235 388	COMMUNICACIONAMENTO PORTIGO ACTO COSCO CALCE III III III III III III III III III I	1284 401
1285	GACCTGCTGGGAGGAGGAGGGGGGGGT 1323 	
sed_name	: sp_human:Q9HY86	
seq_docur ID Q9R	nentation_block: PPELIMINARY; PFT: 417 AA.	
DT 01-1 DT 01-1 DT 01-1 DE DEA	January 2001 (TremHurel. 17, Created) 01-JUN-2001 (TremHurel. 17, Last Sequence update) 01-JUN-2001 (TremBurel. 17, Last annotation update) DEATH RECEPTOR 3.	
OS HOMO	Craniata; Vertebrata; Catarrhini; Hominidae;	Euteleostomi, Homo.
OX NCB RN [1]		

α: - α			32 26	142 37	192 53	242 70	291 87	339 103	389	4 29 134	465 1405	509	184	594 195	₹ 0	203 694
INCE FROM N.A. Taware K. Mukae N., Yamame and S., Kenishi Y. Murayama K., Mukae N., Yamame S., Kenishi Y., Shiozawa K., Tsukameto Y.; genome.". genome.". Thed (NOV-2000) to the PWH./GenHank/PDHJ database. AB051851: BAB40663.1; AB051851: BAB40663.1; NOE. 417 AA. 45326 MW, 1226312662646619 DRD64,	L_scores: Ouality, 372 Ratio: 1.6 Similarity: 49	25-998A eq 1/1	0	CCCTCACCTAGGGACAAGGAAAAAAAATAGTGTGTGTCCCCAAGG	AAT 17A	GOAAGCTATTGTAGAATGAGTGTGGGGGGGGGGGGGGGGG	CAG - s1.c	CACIGCOICAGOIGA DO GAAAA GAAAA GAAAA GAAAA GAAAA GAAAAA GAAAAAA				ThrA	AGGITTCITTCIAAGAGAAAAACGAGTGITGITCITGI 	AGTAACTGTA :::::: eu?lysorcyrp	ALIGAGAATGITAAGGGCACTGAGGATTGAGGGAGGAGAGAGTGTTGGTTG	CCIGGICATITICII FGGICII 1 GC
SEONE Shioz Hayas "DR3 Submi EMBL: Recep SECTE	gnmen. reent. gnmen	o 5	43	93	143	193 54	243	292	340	390 120	430	466	510 167	547	595	645
RP RA RU RU DR SQ	- u ı	US.														

203 lolboalLeutentaladiyLenValValPredeetLettesiyAlaThii 220	695 TAADGIATOSCLADGAAGGS196AAGCTOTACTOALIGTE 741 	GAAGGAAACTAC TELLI CluAlaLeuth	- L	61177467116 1111 111 erslatysfle	00AGCTCGA*CTATAGCCCGGGTAAC	910	935 GAGAGGIGGCACCTATCAGGGGGCIGACCCALCCIIGCGACAGCC: 984 	CCTCCGN:CCCATCCCCAACCCCTTCAGAAGGGGGGGTES:	035 CCACACACACACACACACACACATGATGACACACACACAC	085 IOGIGGAGAAPUTGCCCGGGGGGAAAGGAAGTETJGGGGGCGGA 1134 	135 GGGCTGAGCGACCACGAGATCGGCTGGAGCTGCAGACGGGCGCTG 1184 	185 C 371 .	235	285 GACCIGOLO 111 401 GlybenAsp	аше:	_documentation_block:
et et	E 0	1 7 Z	92.	33 G	m m	0 0	ic ic	5 -	70 − 04 10 − 04	ın ee	35	s H	10 10	E œ		seq_documer 1.0 0.1895 AC 0.14866 DT 01.JAN DT 01.JAN DE DEATH GN DR3.

51	16	56	80	61	18	64	20	19	(1	7.1	23	76	100 100 100 100 100 100 100 100 100 100	08	26	85	68	, 6	30	96 32	101	106 34	111 35	37 37	121 38	126
RN [1] KP SEQUENCE FROM N.A.	MEDLINE- Warzecha					Pfam; PF0 Pfam; PF0			PROSITE; PSOOKS2: TNFP NCFP 1: PROSITE; PSSOOSO; TNFR_NGFR_2;		alignment scores:	ity: 362.50 tio: 1.611	47 771 Percent Lacutity: 28	alignment_block: US-U9-525-998A-1 x O14865	Aliqn seq 1/1 to: 014865 from: 1 to: 426	43 CTCCTGGAGCTGTTGGAATATACCCTCAGGGTTATTGGACTGGT 92 [1111] ::: ::: ::: :::	TETOTOTOTANDEAN 1	ThrangserProArgCysAspCysA	143 AATATATCCACCTCAAAATAATTCCAFTTGCTGTACCAAGTGCCACAAA 192 ::: ::: ::: ::: ::: :::	193 GGAACCTACTTGTACAATGACTGTCAGGCAGGCAGGATAGGGACTG 242 	243 CAGGGAGTGTGAGAGGGGGTTCAGAAAACGGAGGGACAGAA 291 	292CACTGCCTCAGCTGCTCCAAATGCAAAATGCGGGGGGGGG	340 ATCTTTTGCACAGTGGACGGGGGGGGGGGGGGGGGGGAGGA 889 ::::::::: ::::: :::::	390 CCAGTACCGGCATTATTGGAAAACCTTTTCCAGTGC	430 TTCAATTGCAACTGCGGAACGGTGAAC 465 H HIII: HIII: HIII: HIII: 1818 H 134 erProPheTyrCysGlpProCysGlyAlaLeuHisArqHis 150	466CTCTCCTGCGASGASAAAAAAAAAAAAAAAAAAAAAAAAA

510	AGGITTOTTTGTPABAGAAAAGGAGTGTGTGTGTGTGTGTAAGTAACTGTAAGA	559
167		184
560	AAAQQTIQGAGTIGCACGAAGTTIGTIGQCTAQQQQAGATTGAGAATGTTAAG	609
1.84	1U(11)	187
610	10 GGCACTGAGGACTGAGGCACACAGTGCTGTTGCCCCTG	648
188	GlyAlaProTrpGlyAlaValGlnScrAlaValProLcuScrValAlaGl	204
649	GROATPIPPGGROPPIPP	019
204	yGlyArqValGlyValPheTrpValGlnValLcuLcuAlaGlyLeuValV	221
671	TTTTATCCCTCCTCTTCATTGCTTTAATGTATCGCTACCAACGCTGG	717
Ci	a)Ptoleofeabardath (all griba gradesSystrp	237
718	AAGLCCAAGCTCTACTCCATGTTGTGGGGAAATCGACACCTGAAAAAGA	767
238	ProHistys. PredeuvalthrAlaAspCl	247
76.8	GOOGRACHTBAAGTAATAATAAGCC	808
247	"AladiyMetGluAlaLeuThrProFroProAlaThrHisLeuSerProL	264
808	ACCCAAGCTTCAGTCCCACTCCAGGTTCACCCCCACCC GGGCTTCAGT	858
264	euAspSer	273
859	COCKERCO AGET CONTROPORTOR	968
274	ProAspSerSerGluiyslleCysThrValGlnLcuValGlyAsnSerTr	290
897	TACCCCCGIIGACTGTGCCAACTTTGCG.	424
Ç 0.7	FTbrProflyTyrProGluThrGlnGluAlaLeuC,sFroGlnValThrT	307
925		096
307	rpSerTrpAspGInLeuProSerArgAlaLeuGlyPro	319
961	GCTGACCCTATCTTGCATAGCCTCGACCCCAACCCCAACCCAACCCAACCCAACCCAACCCAAACCCAAACCAAACCAAACCAAACCAAACCAAACCAAACCAAACCAAACCAAACCAAACCAAAA	1010
320	AlaArgAlaProthrLeuSerPr	327
1011	CCITICAGAAGTGGGAGAGAGGCCCACAAAGCACAGAGCCTAGACACTG	1060
327	oGluSerProAlaGlySerProAlaMetMetLeuGlnP	340
1061	ATGACCCGCGACGCTGTACGCCGTGGAGAAACGTGCCCCGGTTGCCC	1110
340	roGlyProGlnLcuTyrAspValMctAspAlaValProAlaArgArg	355
1111	IGGAAGGAATTUGTGGGGGGGGGGGGGGGGGGGGGGGGGG	1160
356	Trpl.ysGluPheValArgThrLeuGlyLeuArgGluAlaGluIleGluAl	372
1161	GCPTGGACTTGCAGAAGGGCGCTTGCCTGGGCGGGAGGGGGAATACAGCTGCCTTGGCTTGGCGGAGGGGAATACAGCTTG	1210
372	aValGluValGluIleGlyLeuPheArqAspGlnGlnTyrGluMetL	388
1211	TORREACTE GARGO ACCOUNT TO THE	1.260
i i	euryshistrpArgGinGinginProAlaGiyLeuGiyAla	401
1261	CIGGGACGCGIGGTCCGGGACATGGAACTGCIGGGCIGCCTGGACGACAT ::: ::: ::: ::	1410

```
Homo Sapiens (Human).
Eukaryota: Metazoa, Chordata, Craniata, Vertebrata, Esteleostomi,
Mammalia: Eutheria: Primates: Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                       SEQUENCE FROM N.A.

MEDLINE-97272233: Pubmed-9114039;

Screaton G.B., Xu X.N., Gisen A.L., Comper A.E., Tan R.,

MCMIchael A.J., Bell J.L.;

"LARD: a new lymphoid-specific death domain containing receptor
regulated by allernative pro-mRNA splicing.";

Proc. Natl. Acad. Sci. U.S.A. 94:4615 4619(1997).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       193 GRANCTACTIGIACAAIGACIGICTAGGOCOGGGGAGGAIACGACIC 242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 292 ..CACTGCCTCAGCTGTTGCAAATGCCGAAAGGAAATGGGTCAGGTGGGG 339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              143 AATATATCCACCTCAAAATAATTCCATTTGCTGCGAGAGTGCCACAAA 192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     243 CAGGGAGTGTGAGGGGCTCCTTCACGGTTCAGAAACCACCTCAGA, 291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 15 LeukeuleuValleukeuGlyAlaArgAlaCinCly......26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         37 lyAspPheHistystystleClyteuPheCysCysArgClyCysProAla 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                70 sLeuValCysProGlnAspThrPheLeuAlaTrpGluAsnHisHisAsnS 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               43 CICCIGGAGCIGIIGGIGGGAAIATACCCCICAGGGGIIATIGGACTGGT 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ED19B586ADD947B7 CRC64,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        , Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1584 (Apr. 1588 (Apr. 17.115
45.553 Porcent Identity, 27.115
                                                                                                                                                                             01-JUL-1997 (TrEMBLrel. 04, Last sequence update) 01-JUN-2001 (TrEMBLrel. 17, Last annotation update
                                                                                                                            380 AA
                                                                                                                                                                                                                LYMPHOCYTE ASSOCIATED RECEPTOR OF DEATH 9.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Align seg 1/1 to: 000280 from: 1 to: 380
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pfam: PF00731; death; 1.
Pfam: PF00720; TNFR_C6; 2.
SMART: SM00005; DEATH; 1.
SMART: SM01208; TNFR; 2.
PROSITE: PS50017; DEATH_DOMAIN; 1.
PROSITE; PS00186; EGF 2, UNCNOWN 1.
PROSITE; PS00165; TNFR_NCFF 1: 2.
PROSITE; PS0065; TNFR_NCFF 2: 1.
SEQUENCE: 380 AA: 4119; MW. ED1955
                                                                                                                                           000280;
01-JUL-1997 (TrEMBLrel. 04, Created)
                                                                                                                            PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          InterPro; IPR000561; EGF-like.
InterPro; IPR001368; INFR_c6.
Pfam; PF00531; death; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        HSSP; P19438; 1EXT.
InterPro; IPR000488; Death.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     :::-
                                                                                                                            PRELIMINARY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              354.50
1311 CGAGGAGGGGTT 1323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-525-998A-1 x 000280
                                    418 uArgSerArgLeu 422
                                                                      seq_name: sp_human:000280
                                                                                                          seq_documentation_block:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 alignment_scores:
Quality:
Ratio:
                                                                                                                                                                                                                                                                                        NCBI_IaxID-9606;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Percent Similarity:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           alignment_block:
```

æ -	erGluCysAlaArqCysClnAlaCysAspNluClnAlaSerClnVatAla	60
34	TICITO ACAGIGGACIGGA.A COTGIGIGO: SCAGGAAGA	583
104		7.7
350	CCAG FACCOUNT FIRE FACE GGAG I GAAAAN 11 F F CCAG F S	129
120	YTrpPheValGluCysGluValSerGluCysVal	**
430	IICAATTGGAGGTGTGGATGGGAGGSTGA	165
134	rophelyndyschiprocystenaspryschystatenens	S
337		500
r:4 U% r:4	gbeabeniyasetAtaAtaAspilaAspaysolyihtaysLe	167
510	CTTTCTAAGAAAAGGAGTGTGTCTCTGT	346
191	odlyFhelyrdlumisclyAspolyCysValserCysProThrselThrL	184
15 11 13	AGTAAGTGTAANAAAGGTGGGAGGGAGGAGGAGGTGGAGTTAAGAAAGA	\$6
184	endiySerCystructiuArgCysAlaAiaVaiCys3lyirp	1,43
595	ATTGAGAATGTTAAGGGCACTGAG	18
198		-14
619		5.5
214	sLeuSerProLeuAspSerAlaHisThrLvuLeuAlaPro	127
656	TOTITEGICITIECCTITIATCCCTCCTCTTGATTGGTTTAATGTATGGC	705
553		17
306	TASSANGOGISOAKSISOAKGSISINGISOATIGITIGISGGAAATOGAC	252
227		177
756	C	8 5
822	. Wintysiietysiid VarsantheaVais	241
908	U	un un ac
241		157
856		504
252		€
906		÷.
254	Serion	271
941	GCIGACOCCAICCIIGCGAPAGSSCIICGC	356
~	ProAla	274
	CCGACCCCATOU CANACO OT FONGANSTINGANGACA PENERAL TALES (* 1-1)	104
275	hrleuserProGluserProAladiyse.	787
1041	GCCACACACACACACACACACACACACACACACACACAC	3
	**************************************	, ,
303	otatioon qArgTrpL	21.5

	1141 AGGAGGAGAGAGGAGGAGGAGAGAGAGAGGGGGGGGGG
	1191 CGAGGGGAATACAGATACTGAGGGGGGGGGGGGGGGGGG
	1241 GOGAGGCCAGGCTGGAGCTGCCTGCGCCTCCCCCCCACATCCACCTC 1290
	1291 CTOBORTORY PORMADAYATOGA OROGOGOTT 1323
-bəs	seq_name: sp_human:000279
seq_	Seq_dominantation_block: ID O00279 PRELIMINARY; PRT; 372 AA.
	00-2-29. 01-JUL-1997 (TrEMBLEL 04, Created) 01-JUL-1997 (TrEMBLEL 04, Last sequence update) 01-JUN-2001 (TrEMBLEL 17, Last annotation update) LYMPHOCYTE ASSOCIATED RECEPTOR OF DEATH 8 (LYMPHOCYTE ASSOCIATED
8000 8	Homo sapions (Human) Bukaryota; Metazca, Chordata; Craniata; Vertebrata, Futeleostomi, Mammalia: Entheria: Frimates, Catarrhini, Hominidae, Homo.
N L A	-
K Y Y	Submitted (MAY-1997) to the EMBL/GenBank/DDRI databases
8 0 K	EMBL; 094509; AAC51314.1;
<u>*</u>	HSSP: P19438; HXI.
K K K	interfo; Produce; ESF-11ke. Interpro; DPAON196: TNFR_c6. Pfam: PFOAS1; death:
X X	SMART; SM00005; DEATH; 1. SMART; SM00208; TNFR; 1.
* * 5	PROSTUR: PS50017: DEATH_DOMAIN: 1. PROSTUR: PS510186: PGF_C; INKNOWN. 1 PROSTUR: PS01186: PGF_C; INKNOWN. 1
430	FORTHER PAINTY STANDARY NORTH STANDARY SEQUENCE 372 AA; 40391 MW; D4F87353AB7F46F6 CRC64:
alig: Per	lignment_scores: Quality: 283.50 Length: 397 Railo: 1 477 Gaps: 20 Percent Similarity: 48.363 Percent Identity: 27.456
align US-	1)ignment_block: US-09-5∠5-444A-1 x nun274
Alio	Alian seq 1/1 to: 000279 from: 1 to: 372
	238 GACTIGGAGGAGTIGTIGAGAGGGGGTTCGTTCAGAAAAGCACT 287
	288 CAGACACTERRATGETERAATGECGAAAGGAAATGGGTEAGGTEAGGTAG 337 ::::
	338 AGATCTCTTGTACACTGGACCGGGACACTGTGTGTGTGTG

•	X X	AALCAGTALCGGGATTATTGGAGTGAAAACCTTTTGCAGTGC	429
	75	Glyfipphevaldlufys GlnVaiSerGlm'ysVaiSerSe	æ
4	430	TICAATTGGAGGGTGTGGAAT GGGAGGGTGGAC	465
	88		165
4	466	CTCTCCTGCCAGAGAACAGAACACCCTGTGCACCTCCCAT	507
1	105	isThrArgLeuLeuCysSerArgArgArgArgThrAspCysGlyThrCysLeu	121
u)	508	GCABGITTOT FECTAAGAAAAABGAGTGTGCTGCTGT	546
_		ProdlyPhetyreluHisGlyAspelyCysValSerCysProThrSerTh	138
ריז	547	AGTAACTSTAAGAAAAAGTOTSGAGTGAAGGAAGTDSTSGGTAAGGG	01 01 01
-	138	TheuGlySerCysProGlo . ArgCysAlaAlaValCys	150
i)	663	AGAT I GAGAATG TTAAGGGCACHGAGGACHCAGGCACCACACAGTGC FGFTG	642
1	.51	GlyTrpArgGlnMet.PheTrp	157
9	.43	CONCLOSIONING TIP GSTCTITGCCTTIATCCC CONTINGENTEG	692
	58	ValGInValLeubeuAlaGlybeuValValPtoizeubeubeuAlaThAlaTh	174
9	93	ITTAATGIATUSPTAPPAARGA TARAAKTEPAARPTATGETIG	739
П	74	rLeuThrTyrThrTyrArgHisCysTrpProHisLys	186
7	40	TTFGTGGGAAATCGACACCTGAAAAGAGGGGGGGGCGTGAAGGAACTACT	789
П	.87	ProLeuValThrAlaAspGluAlaGlyMetGluAlaLeuThr	200
7	90	ACTARGOCC CTGGCCCAAACCCAAGITCAGTCCACTCC	830
C1	:0:	ProProProAlaThrHisLeuSer ProJeuAspSer	212
89	13.1	AGGCITCACCCCACCCTGGGCTTCAGTCCCGTGCCAGTTCCACCTTCA	880
2	213	AlaHisThrLeuLeuAlaProProAspSerSerGluLysIleC	227
00	18	CCTCC AGTTGPAGGTATAPAGGTATA	6Ub
C)	<u></u>	rsThrValGluLeuValGlyAsSerTrpThtFtoGlyTy1FroGlulhr	243
σ	91 U		432
C4	44	GInGluAlaLeuCysPioGlnValThiTipSerIIpAspGinieuFioSe	260
J	8	CARACIANTANTANCTATCAGGGGGGTGANNOCATOCTGGGANAGGTTTA	383
7	09	rargalaienglypro	265
5	83	CCCTCGCCTCCGACCCATICCCCAAACCCCTTCAGAAGTGGGAGGACAGC	1032
7	9	AlaAlaAlaProThrLeuSerProGluSerPro	276
10	033	108 GCCCACAAAGCACACAGACACFGAGACCCGGGGGGGGGG	1082 292
10	0.83	CATESTES AS A PARA PARA PARA PARA PARA PARA PAR	1132
.4	2 2	pvaimetaspaiavairroAiaArgArgirpLysGiuPheVaiArginfl	
_ ~	133	TAROROTTAROGRAPICAMINGATINGAGINGAGINGAGINGAGAAADGGGGG FILEMIA III IIII IIII IIIIIIIIIIIIIIIIIIIII	1182 375

```
Hick E., Sun B.T., Collins-Facie L., LaVallie E., Sive H.L.;
"Identification and Characterization of fullback, a Novel Posteriorly-
Expressed Acnopus Gene.";
Submitted (FEB-1994) to the EMHI/GRANK/PURH) databases.
EMBL; AF131890: AAD54072.1: -.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       P75-LIKE TPANSMEMBPANE PECTFIN FULLBACE
Kanopus Laevis (African clawed Ltoq).
Eukaryota: Metazoa, Choidata: Craniala, Vertebrata; Euteleostomi;
Amphibia; Batrachia; Anura; Mesobatrachia; Pipoidea; Pipidae;
1183 IGCCIGCCCACCCAAFACAAFACAIGOTGCCCCACCICAACCCCCAC 1232
                                                                                                                                                                  1249 GCCGCGCGCGCAGGCCACACTGGAGCTGCTGGGACGCGTGCTGCGGGACA 1282
                                           84 TGGACTGGTCCCTCACCIAGGGACAGGGAGAGAGAGAGAIAGIGTGT33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           134 CCCAAGGAAATATATCCACCTCAAAATAATTCGATTTGCTGTGCGAAG 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 184 IGCCACAAAGGAACCTACTIGTACAATGACTGTCCAGGGCCGGGGGGAGGA 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  34 CCACTGGTGGTGCTGGAGCTGTTGGTGGGAATATAGGGGTGAGGGGTTAL 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            26 luSerSlyLeuTyr.....ThrAonSerGlyLySCySCySerLeu 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        387 AA; 42066 MW; IA386A2390708A82 GRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       01-MAY-2000 (TrEMBLrel. 13, Created)
01-MAY-2000 (TrEMBLrel. 13, Last sequence update)
01-JUN-2001 (TrEMBLrel. 17, Last annotation update)
                                                                                                                                                                                                                                                                                                                                    1283 ISSACCISCISCOSCISSACIONAS ASSACRICA (1323)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Quality: 233.00 Length: 464
Ratio: 1.064 Gaps: 25
Percect Wirliamity 47 198 Percect Modity 22.629
                                                                                                                                                                                                                                                                                                                                                                                11 | 11 | HIIII | HIIII | 11 | 11 | 135 etGlykenApdysysVaisinAsplenAbdsetAtglen 368
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             387 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SMART: SM00208; FNFR: 4.
PROSITE: PSS0017: DEAHL-DOMAIN: 1.
PROSITE: PS00652: TNFR_NGFR.1: UNKNOWN_3.
PROSITE: PS50650: TNFP_NGFR_2: 4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Align seg 1/1 to: Q9PVD4 from: 1 to: 387
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     HSSP; P07174; INGR.
InterPro; IPR001083, Copper fist.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6 ProlleValThrLeuCysLeuLeuleu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        InterPro; IPR000488; Death,
InterPro; IPR001368; TNFR_c6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pfam; PF00531; death; 1.
Plam; PF00020, TNFR_u6; 4.
SMART; SM00412; Cu_FIST; 1.
SMART: SM00005; DEATH; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      seq_name: sp_vertebrate:09PVD4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        alignment_block:
US-09-525-998A-1 x Q9PVD4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Xenopodinae: Xenopus.
NCB1_Tax1D=8355;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Transmembrane
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              alignment_scores:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Q9PVD4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME OF A PART O
```

<u>\$</u>	CysProAlacigidacigvalValValHrocgsRyAspSerAs	54
234	TARGED AND ADDITION OF THE CONTROL O	280
28	CCACC CACACAC I GUCT CAGC TOT I CCAAA I GUTAAA	3.40
r - 1	Sycopheth Sycopheth	r - 30
331 88	CASSISSANATATOTALA SACASA TATLOUGHAAA SETASA TATLOUGHAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	380 123
36.1	OGGCALIALGGAGTGAAAAS LIIIS.	
103	ProGluArddlnTyrLeuAspSerAsudlylleCy	i 14,
431	TCANTICCACCICTORTYSANGGGACCGTGCACCICTORTAGGESACCGTGCACCICTORTAGGESACCGTGCACCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTC	477
478	GAGAAACAGAACGGTGTGCACCTGCCATGCAGTTTCTAA	524
8	isAsmijsAsmiltrValOysGlnLeuCysSerSerGiyPhelyrS	149
525	3AAAACGAGIGIGICICCIGIAG	559
	AGCCTGGA71G2ACGAAG11G1GTCTACGCGAGA11GA3AA3731AA	5 5 3 1 4
166	:: nrGluValGlnIleGlyAspCysValFroGln	177
610	:Assistaciacias de l'estect	959
177		177
· = :	1661011160.01111A.000.16CTCTCATISG133AA3.4TATGGCTACC	70.5
177		177
710	AFFGIFFGTGSGAAAFG	756
27	isAspileLeuCysMetAspLysAspVa	187
L. 3.	TGAAAAAAGGGGGGGCTTGAAGAACTACTACTA.	161
188	offleteolysArgThrGluGlyGlyAluAsnGlyThrSe	201
798	CIGGCCCAAACCAAGGIICAGIOCC	838
	SCCACCE JOSEPH COCCERCIACITY CAPTITIONS 100 COLUMN	
217	ProValTyrcydserfietenAlaAlaValValValOfte	
883	ACCIATACCCCCGGTGACTGTCCCAACTTTGCGGCTCCCCAAA	9.48
232	ialyrva Ialyrva	8.4
939	STGGCACCACCTARCAGGGCTGACCCCALCT F.CGACA	988
248	enAlaLysAlaAraAlaGlyGluLeuAla	747
586	CCTCCGACCCATCCCAACCCCTTCADAAGTGGAAAAACT, AOC : : : : : : : : :	20 E
1033	GOUGACAGO CACAGAGO TAGACACTGATGA CO CON GA SELETACAC	168.
279	LeadIndTuProAsnHisLeaSerLysAl	288

305 111 111 321 321 124 121 350	1220 GANGGGGGANGGGGGGGGGGGGGGGGGGGGGGGGGGGG	seq_decomentation_block: D. 0929W1 PRELIMINARY; PRT; 417 AA. D. 0929W1 PRELIMINARY; PRT; 417 AA. D. 0929W1 PRELIMINARY; PRT; 417 AA. O. MAY 1999 (TERBELFel. 10, Last sequence update) O. I. MAY 1999 (TERBELFel. 10, Last sequence update) O. I. MAY 1999 (TERBELFel. 10, Last sequence update) O. I. MAN 1999 (TERBELFel. 10, Last sequence update) O. I. MAN 1999 (TERBELFel. 10, Last sequence update) O. I. MAN 1999 (TERBELFel. 10, Last sequence update) O. I. MAN 1999 (TERBELFel. 10, Last sequence update) O. I. MAN 1999 (TERBELFel. 10, Last sequence update) Mus musculus (Mouse, Receptor, Bodel 1, Sciurcanalhi: Muridae: Mus musculus (Mouse, Receptor for Tables volume) O. I. MAN 1999 (TERBELFel. 1990) O. STRAIN A. I. M. S. I. Blondel 10. Kletler R., Flamand A.; Tutlereau G., Benejean J., Blondel 10. Kletler R., Flamand A.; Tutlereau G., Benejean J., Blondel 10. Kletler R., Flamand A.; Tutlereau G., Benejean J., Blondel 10. Kletler R., Flamand A.; EMBO J. 17:7250-7259 (1994) Tutlereau G., Benejean J., Blondel 10. Kletler R., Blondel 10. B. MART: MONOOS 11 Lipasc. D. M.	COMPS: Quality: 230.00 Length. 560 Ratio: 1.018 Gaps: 30 milarity: 45.200 Develor identity: 24.000
	1220	POCUMENTATION OUTSING THE PROPERTY OF THE PROPE OF THE PROPERTY OF THE PROPE OF THE PROPE OF THE PROPERTY OF T	t_scores Qua_R_R_Similar
	I I seq_n	2.0	aliqumen Percent aliqumen

```
222 CCCGGGGCAGGATACGGAGGAGTGT...GAGAGGGGCTCGTTCA 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          366 CACCATGTGTGTGACAAGAAGAAGTACTAGTATTGGAGTGAA 415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SerTyrSlyTyrTyrGlnAspGluG 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             463 CACCTCTCCTGCCAGGAGAACAGAACACGTGTGC...ACCTGCCATGC 509
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        510 AGGITICITICIAAGAGAA.....AACGAGTGTGTGTGTA 547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               161 hrValCysGluAspThrGluArgGlnLeuArgGluCysThrProTrpAla 177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         586 CHACCCCAGATTGAGAATGTTAAGGGC.....612
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                178 AspAlaGluCysGluGluIleProGlyArgTrplleThrArgSerThrPr 194
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      211 roProGluAr9AspLeulleAlaSerThrValAlaAspThrValThrThr 227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               244 ullehroValTyr.........CysSerIleLeuAlaAlaValV 257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ::IIIIII:::
257 alGlyLeuValAlaTyrIleAlaPheLysArqTrpAsnSer........270
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         269 CCGCTTCAGAAAACCACCTCAGACACTGCTTGACTGCTGCTGCAAATGCCGA 318
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             319 AAGGAAATGGGTTÇAGGTTGGAGATGTTCTTTTT TTGCAGAGTGGGGAGTGGGA 365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       416 ACCTITICCAGIGCITCAATTGPAGOOTTGPATGGGACC...GTG 462
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAGAAAAGCTTGGAGTGCAAGTTGTGC 585
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       194 oprodludlySerAspValThrThrProSerThrClnGluProGluAlaP 211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              613 .....ACTGAGGAGTCAGGCACCACA 633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  819 ID......
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        228 ValMetGlySerSerClnProValValThrArgGlyThrAlaAspAshLe 244
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               639 STEGRET GREAT TERTITION OF SECTION AND ASSOCIATED SECTION OF S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TATOGOTAONAANGGTGGAAGTGGAAGNUTAC 732
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              122 AFAGTIGTIGTIGCCCAAGGAAATAFATCCACCTCAAAATAAFTCGATT 171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       144 uC!yThrTyrScrAspCluAlaAsnHisValAspProCysLeuProCysT 161
                                                                                                                                                                                                                                                                                                                                                                          22 ysGluThrCysSerThrGlyMetTyrThrHis.....SerGlyGlu 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 172 TGCTGTACCAAGTCCCACAAAGGAACCTACTTGTACAATGACTGTCCAGG 221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     83 .....LeuGlyLeuGlnSerMetSerAlaProCysvaiGiuAlaAspAs 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        36 CysCysLysAlaCysAsnLeuGlyGluGlyValAlaGlnProCys...Gl 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                67 erAspValValSerAlaThrGluProCysLysProCysThrGluCys... 82
                                                                                                                      22 GAPPFGPFGPFGPPGGFQPFQPFGPFGGFGFFGGFGGGAATATACCC 71
                                                                                                                                                                                                                                2 AspArgLeuArgLeuLeuLeuLeuLeuLeuLeuLeuLeuGlyValSerPh
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Align seg 1/1 to: Q9Z0W1 from: 1 to: 417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    634 GTG.....
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       97 palavaléysArgéys
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  689 TTGGTTTTAATG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  548 GLAACTGT
```

```
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Archosauria; Aves, Neognathae, Galillormes; Meleagrididae; Meleagris;
NCBI_TaxID-9103;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Adkins H.B., Brojatsch ! Naughton !, Polls M M , Pesola I M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                977 CGAMAGONOTOROGINAGANAGANGGGGAAGONGGAAGAAGIGGGAG 1026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1077 GTACGCCGIEGIGGAGAAGGIGCCCCGGIIGCGCIGGAAGGAATICGIGC 1126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1127 GGCGCCTAGGGCTGAGCGACGAGATCGATGGGCTGGAGCTGCAGAAC 1176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1177 GGGGGTGGTGGGGGAGGGAAIACAGCAFGGTGGGGAACCIGGAGGCG 1226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1277 GCGAMATGGAMTTAGTGAGMTAGTTGGAGGAMATGGAGGAGGGCMTTGC 1326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              369 GluAlaCysProValArgAla.....LeuLeuAlaSerfrpGlyAl 382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   291 lyGluLysLeullisSerAspserGlyIleSer...ValAspserClnSer 306
                                                                                                                                                                                                                                                                                                                                                                                                                     315 .... GlnThrAlaSerAlaGlnAlaLeuLysGly... AspGlyAsnLeuT 329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    329 yrSerSerLeu.....ProLeuThrLysArgGlu 338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           349 .....TrpArgHisLeuAlaG 354
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         382 aGlnAsp.....SerAlaThrLeuAspAlaLeuLeuAlaAlaLeuA 396
733 ICCATIGITIGGGAMATOGACACTGAAAAAAGAGGGGAGCTIGAAGG 782
                                            271 ......CystysCinAsntys......GlsCl 277
                                                                                         783 AACIACTACIAAGCCCCIGGCCCAAACCCAAAGCTCAGTCCCACTCCAG 832
                                                                                                                                        ProProGlua 291
                                                                                                                                                                                  833 GC.....TCACCCCCACCTGGGCTTCAGTGCCCTGCCCAGTTCCACT 876
                                                                                                                                                                                                                                                                                877 ITCACCTOCAGOICCACCIAIACCOCCGGIGACIGICACAACITIGAGGG 926
                                                                                                                                                                                                                                                                                                                                                                         927 TChniginadasAssistadaninariAninariAnariAssistasinidaningAlggils 976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Submitted (MAY-1997) to the EMBL/ObenBank/FDRT databases
EMBL: AF006002; AAB93987.1; -.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    354 lyGluLeuGlyTyrGlnProGluHisIleAsp.....SerPheThrHis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               01-JUN-2001 (TrEMBErel, 17, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Last sequence update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             339 Glu...ValGluLysLeuLeuAsnGlyAspThr..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   01-JUN-1998 (TrEMBLrel. 06, Created)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Meleagris gallopavo (Common turkey).
                                                                                                                 277 yAlaAsnSerArgPr~ValArsGloThrPro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             InterPro; IPR001450; 4FE4S_ferrdxin.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IPR000488; Death.
IPR001865; Ribosomal_S2.
                                                                                                                                                                                                                                                                                                           307 LoudisAspGlaGlathresisthr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                InterPro; IPR001368; INFR_c6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           01-JHN-1998 (TrEMBLrel, 06,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   seq_name: sp_vertebrate:057408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRELIMINARY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SUBGROUP E ALV RECEPTOR.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  P19438; 1EXT.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                seq_documentation_block
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Young J.A.T.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      InterPro;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               InterPro;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               057408;
```

```
90 ValSerProCysAsnSerThrArdAsnThrArdCysAlarysLys..... 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PhetysLeufloAspHisProCysel 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        150 SerSerSerPheThrThrThrOlyHethelleSerThrValLe.ProVa 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       140 GAAAAIAIAIAGAN SIICAAAAIAAH CGAHII9 DGIA CAAGIGGAC 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        190 AAAGGAACCTATITGIACAATGACTGTCCAGGCCGGGGTAGGATACGGA 239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  290 GACACTGGCTCAGCLGCAAATGGCGAAAAGAAALGGAGLGAGAGAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     390 CCAGTACCGGCATTATTGGAGTGAAAGCTTTGGAGTGGTTGAATTGGA 439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      440 GCCICIGCTCAAloGGACCGIGCACTCICICIGCGAGGAGAAACAGAAA 489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   490 ACCCICICCACCICCCAIGCACCIII/111/111ACASAAAACGAGISISI 139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             116 uMetCysCintysCysCinthrArgCysProdysCiyCloValArgileA 133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      604 GITAAGGCACIGAGACTCAGGCACGAGAGIG.....CIGITGGCCCL 647
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          90 GGTCCCTCAPTIAGGGACAGGGAGAAGAGAGATAGTGTGTGTGTGCGAAG 139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        340 ATCICTICTIBEACAGIBGACCACACACTGIBIBEACAGAAAAAA 388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 34 erAspValleuLysProAspProTyrSer.........tystysCysPro 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              58 qCysteuProCystystysAspdiutyrthiGlutyrProAshAspPheP 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            75 rolystystleudlytysargihittysargihasp.....GlnValtlu 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20 ......BisteuJlySerAlaAlaVaiLyslysArqAlaVaiLysS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     240 CIGCAGGGAGIGTGAGAGGGGTGCITCACCGCTTGAGAAAAAAACCTGA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          133 TaAladysThiGlnSInSerAspteuArgCysClyProFroLeuAspAsn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4.0 GTGCTCCTGCAGCTGTTGGTGGAATATACCCCTGAGGGGTTALLGSACT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            104
                                                                                                                                                                                                                                                           5701AC2A604FB7D2 CRC64;
                                                                                                                                                                                                                                                                                                                                                                        Ouality: 227.50 Legath: 450 Ratio: 1.155 Gaps: 19 Percent Similarity: 44.778 Percent Identity: 24.778
                                                                                                          PROSTIE; PSOUTURE FERREDOXIN: UNKNOWN [].
PROSTIE; PSOUTO: DEATH_LOMAIN: 1.
PROSTIE; PSOUGAC: RIENSOMAL.SZ.1; UNKNOWN 1.
PROSTIE; PSOUGAC: THIP MOTHE [].
PROSTIE; PSOUGAC: THIP NOTH [].
SHOUNDER 36.8 AA; 41020 MM; STOLACAGOAFETE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Align seg 1/1 to: 057408 from: 1 to: 368
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 48 MetGlyThrTyrLeuAlaAsuAsp....
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              11 ValLeuLeuLeuLeuLeuAlaLysVal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            105 .....AsrGiyIhr...
Plam; PE00531; death: i.
Plam; PE0020; TNFR_c5; 2.
SMART; SMOUGOS; DEATH; 1.
SMART; SMOUGOS; DEATH; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   540 CICCIGIAGIAACIGIAAG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-525-998A-1 x 057408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            108
                                                                                                                                                                                                                                                                                                                                                   alignment_scores:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               aliqnment_block:
```

	648 GGTCATTTGTTTGGTCTTTGCCTTTTATCCCTCCTCTCATT : :::	690 gʻl 183
	91	7.2
	103 YESFIAIGALYSEIGHYGLYVALLUBBETAFFLYSEIFOAFGALGMELVAL 724 AAGCTCTACTCCATTGTTTGTGGGAATCGACACGGAAAAGAGGGGGA 724 AAGCTCTACTCCATTGTTTGTGGGAATCGACACGGAAAAGAGGGGGA 724 AAGCTCTACTAGTTTTGTGGGAATCGACAGAAGGGGGGAAAGGAAAGAAGAAGAAGAAGAAGAA	L 193 A 773 1 208
	GCTGANGGANCTACTAGGACCCCT; 3GCCCCCCT; 3GCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	
,		σ (·
,	PGACTICTCOGAAC 	. 923
- ''	924 GACTOCOGARAGASTGGCACCATCAGGGGGGCTGACCATCC :::	: 973 270
,	974 TIGGGAVASCCCTCGCCTCCSACCCCAACCCCCAACCCCTTCASAAGTGG 271ThrValLeuSerSer	G 1023 . 275
= ''	AGACACPGATGACCCC :::: eAshThr	1.0
ñ	074 GCTGTATAGGCGTGAGAAGGTGCCCCGTTGGGGTGGAAGGAA	1123
-	124 TG 293 ly	: 1173 308
	174	: 1223 : 325
7	325	1.273
7	274 °	1323 . 357
	_пате:	
	_documentation_block: Q9DFV0 PRELIMINARY; Q9DFV0;	
18888	CVARIANTINE ABCELTON (Zebrafan) (Zebra danio). Eukaryota: Metazoa: Chordata. Craniata: Vertebrata: Actinopteryoti: Neopteryoti: Telecoste: Full-Goste: Continiopteryoti: Cont	Euteleostomi; Ostariophysi;
	NCBL_PartD=7955; [1] SECUENCE FROM N.A.	

```
Bobe J., Goetz F.M.;
"Molecular cloning and expression of a TNF receptor and two TNF ligands in the fish ovary.";
Comp. Bicchem. Physiol. B, Comp. Binchem. 0.0 0(2000).
EMBL: ARZ50042; AAC21355.1;
ELECTRO: IPR000348; Cytc.heme_bind.
InterPro; IPR000488; Death.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            51 GOTGITTGGTGGGAATATACCCCTCAGGGGTTATTGGACTGGTCCCTCACC 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               101 TAGGGGANANGGANGANGAGAGAGATAGGGGGGGGGGAGGAN, AAATAT 147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        148 ATCCACCCTCAAAATAATTCCATTTGCTGTACCAAGGCACAAAGGAAC 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          198 CTACTITGTACAATGACTIGTCCAGGCCCGGGGCAGGATACCCACTGCAGGG 247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             248 AGTGTGAGAGGGTTTTTTGAGGGTTGAGAAAACCACTCAGACACTGG 297
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     298 C'ICAGCI GCI CCAAATIGC CGAAAGGAAATIGG GGGT CAGATCI CITTC 347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    348 THGCACACIGGACCGGGACACCTGTGGCTGCACGAAGAACCAGTACC 397
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 398 GGCATTATIGGAGTGAAAACCITITCCAGTGCTTCAATIGCAGCCICTGC 447
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               108 .....ThrValValAlaGluCysThrSerThrSerAsuThrLysCy 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       498 CACCTGCCATGCAGGTTTCTTTCTTAAGAGAAAGGAG.....T 535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 121 sAspCystysPheClyThrPheCysLeuProAspCtuProCysGtuValC 148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     34 isGlnAsnArgThrAlaArgGlnMetThrCysLeuGluAsnHisGlu1yr 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     51 Proffic ......AsnGlyPheCysCysLysAsnCysGluAlaGlyTh 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 MetAspLysSerGluAlaMetLysValCysMetAlaLeuValIlePheSe 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      17 ricuAlaicuValGlyHisGlyAlaAlaGluLcuGlyValSerAlaAspH 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      81 roCysGluLysClyThrTyrAlaGluHisProThrClyMctGluGlnCys 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              64 rTyrValLysGluLysCysThrSerGlyHisValMetGlyLysCysSerP 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Receptor.
SEQUENCE 438 AA; 49103 MW; B7E531_BEGEBOHG4 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Quality; 225.90 Length: 512
Ratio: 1.037 Caps: 24
Percent Similarity: 42,383 Percent identity: 21,680
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PROSITE; PSO0190; CYTOCHROME_C; UNKNOMN_1.
PROSITE; PSSO017; DEATH_DOMAIN; 1.
PROSITE; PSSO050; INFR_NGFR_2; 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Align seg 1/1 to: Q9DFV0 from: 1 to: 438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     98 LeuGlnCysSerGlnCysHisArgAspGln
                                                                                                                                                                                                                                                                                                                                                                                                                               Interpro; IPR001368; TNFR_c6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pfam; PF00020; TNFR_c6; 3.
SMART; SM00005; DEATH; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SMART; SM00208; TNFR; 3.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-525-998A-1 x 09PFV0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                alignment_scores:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 alignment_block:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                107
                                        RAY RET RET BELL RET
```

536 GTGTCTGCTGTAGTGTAAGAAAAGGTTGGAGTGCAGAAGTTGTGC 585

```
Eskaryola, Melassar Chordata; Craniata: Vertebrata; Euteleostomi;
Mammalia; Estberia; Primates; Catarrbini; Nomisidae; Nomo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Warzocha K., Ribeiro P., Benard N., Charlot C., Coiffier B.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 87 erGlüCysAlaArgCysGlüAlarysAspGlüGlüAlaSerGlüValAla lüf
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    143. ANTATAL SENSE SESSAMATANTES ANTES ANTATAS ANGLES IN TAX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             390 yrAspLeuLeuAraValTrpMetGlnLysGluGlyLeuArg...AlaAsu 405
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             243 CACCCASTOTICACACCCCTTCTTCACCCTTCACAAAATTACCTCACA. 291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOT COMMONOTORS ISOTEMANISHMANSAMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANISHMANI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         340 ARCHOTA TIS ACKARGANOSSA AN GIGISIAS ISCAGANIA \langle 89 \rangle . The transfer is \langle 11 \rangle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        27 lyAspPhenistystystleflyteurhefysCysArglyfysPruAla 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    54 GlyBlsTyrLeutycAlaProCysThrGluProCysGlyAsuSerThrCy 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              70 oleaValcysProGlnAspThrFheleaAlaTrpGloAshHisHisAsnS 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      43 CLOSIGGAGOLO FOSIGGAAIAIACCOCHOAGGGIIALIGGAGIGGI 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Solumit ad (SEP-1947) to the EMBLA entropy databases.

EMBL, AFODCOTT, AABS288.1; -,
HSSP, P19438: INCF.
Interpret IPROFESS, BSF-like.
Interpret IPROFESS, BSF-like.
Figm. PFOBO29, TNFE, C6.
SMART: SMO0208; FNFR, 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3D19F3E847BFC093 CRC54;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              01-JAN-1998 (TERRITELL 05, Created)
(LJAN-1998 (TERRITELL 05, Last sequence opdate)
01 JIN 2001 (TERRITELL 17, Last annotation opdate)
SOUGHLE DEATH RETERIOR 3 MELA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Guality: 219.50 | Lebuth: 337 | Batio: 1.546 | Object: 14 | Percent Similarity: 42.136 | Percent Identity: 24.629
                                                                                                                                        1252 CTGGAGGIGCTGGGAGGCGIGCTGCGGGGAGAIGGAC 1287
                                                                                                                                                                                                                406 HeAsnThrLeuGenGInAlafeuTenAspieuAsp 417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    277 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Align seg 1/1 to. 11866 from 1 to. 277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 : [유급
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PROSTIE: PS01184, PST_2; CNENOWN 1.
PROSTIE: PS00452, TNFR NGFR 1; 2.
FROSTIE, FS00452, TNFR NGFR 2; 1.
SEQUENCE 27 AA, 29111 MW; 5119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   alignment_block: US-09-\underline{5}25-998A-1 \times 014866
                                                                                                                                                                                                                                                                                                                                                                                                           seq_name: sp.human:014866
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens (Human).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SECURINGE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NCBI_TaxID-9606;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        alignment_scores:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             A CONTRACTOR OF CONTRACTOR OF
```

```
Homo sapiens (Human).
Eukaryota, Metazea, Chordata, Graniata, Vertebrata, Butelcostomi;
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                      204 yclyArg......206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ::: HIHIHIH
21 * MetAngValdigluideuGlyTrpThrGluGlyArgAngValAngAngGl 229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           257 ......TrpGlyHisProAspLeuHisHleProProLeuLeuAlaSer 270
104 LeuGluAsnCysSerAlaValAlaAspThrArgCysGlyCysLysProGl 120
                                                                                                                                430 ....TICAATIGCAGCCICICICCTCAAI...GGGACCGIGCAC.....465
                                                                                                                                                                             134 erProPheTytCysClnPtoCysLeuAspCysCiyAlaLeuHisArgHis 150
                                                                                                                                                                                                                         466 ......CHCTCCTGCCAGAGAGGAGACACCCTCTGCACCTGCCATGC 509
                                                                                                                                                                                                                                                                    151 ThrAndLeuLeuCysSerAraAraAspThrAspCysClyThrCysLouPr 167
                                                                                                                                                                                                                                                                                                                188 GlyAlaProTrpGlyAlaValGlaSerAlaValProLeuSerVulAlaGl 204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  660 PGGTCTTTGCCTTTTATCCCTCTTCATTGGTTTAATGTATCGCTACC 709
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      710 AACGGTGGAAGTCCAAGGTCTACTACATTGTTTGTGGGGAAATCGACACT 759
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Valouy/OlyValueugly 212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CAAGG 782
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   783 AACTACTACTAGGGGGGGGGGGAAAGGCTGAAGGTTCAGTGGAAG 832
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   167 odlyphemyrdiamisdiyAspdiyGysValSerCysPreThrProProP 184
                                                                                                                                                                                                                                                                                                                                                                                                       560 AAAGCCIGGAGIGCACGAAGIIGIGCTIACCCAAGAFIGAAAAIGFIAAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    244 ProdlyAlaProdlyTrp......htddysdlyProProAla., 256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              883 TCCAGCTCCACCTATACCCCPQGTGTCTCCCCAACTTTGCGGCTCCCCG 932
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ::: = = =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       01-JAN-1998 (TrEMBLIc), 05, Created)
01-JAN-1998 (TrEMBLIC), 05, Last sequence update)
01-JUN-2001 (TrEMBLIC), 17, Last annotation update)
                                          390 CCAGTACCGGGATTAFTGGAGTGAAAAACTTTTTGGAGTGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    440 AA.
                                                                                                                                                                                                                                                                                                                                       =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APOPTOSIS INDUCING PROTEIN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRELIMINARY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             760 GAAAAAAAGAGAGAGATT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                seq_name: sp_human:015531
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             seq_documentation_block:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            983 CCCICGCCI 991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      271 GlnAlaPro 273
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NCBI_IaxID-9606;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TRICKER OF DRS
                                                                                                                                                                                                                                                                                                                                                                                                                                               184 rosertæu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     015531;
```

```
Sorbaton G.B., Mongkolsapaya J., Xu.X., Comper A.E., McMichael A.J.,
                                                                                                                                                                                                                                                                                                                                                                                                                                    Arai I., Akiyama Y., Okabe S., Saito K., Iwai I., Yuasa Y.,
"Genomic Strature and Mutation Analyses of the DF1/TPAIL respion
Gene in Colorectal Carcinoma.";
                                                                                                                                                                                                                                        Schneider P., Bodmer J.E., Thome M., Holler N., Hotmann K.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      101 luAspTyrSerThrHiGTrpAsnAspLeuLeuebecycLeuArqCysThr 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GlyArtAspCySlteSerCysLysTyrGlyG 101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            262 ... rechteaeegenteadaaaaeeaeeteagaeteageteagetee 309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         63 AATATACCCCTCAGGGGTTATTGGACTGGTCCCTCACCTAGGGGGACAGGG 112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       113 AGAAGAGAGAGATAGTGTGTGTCCCCAAGGAAAATATATCCACCCTCAAAAT 162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        163 ANTICCATITICATORACICACACACAAAGGAACCIACITGIACAAIGA 212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            62 laProGlnGlnArgValAlaProGlnGlnLysArqSerSerProSerGlu 78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LougysProProdlyHisHislloSeroluAs 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               19 objektobildojednica — ojedojednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednicajednica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    46 uLeuLeuValSerAlaGluSerAlaLeuIleThrGln...GlnAspLeuA 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          30 ProclyLeuArgValProLysThrLeuValLeuValValAlaValLe 46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Submitted (MAY-1998) to the EMBL/CenBank/DDBJ databases.
EMBL, AF018658; AAB70578.1; -.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7E9367DF3ED24DDE CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              213 CTCTCTAGGCCCGGGCCAGATACGGACTGCAGGAGTGTGAGAGGGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.021 Gáps: 22
45.806 Fercent Identity, 23.656
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SMART: SM00005; DEATH: 1.
SMART: SM00208; TNPR: 2.
PROSITE; PSS0017: DEATH-DOMAIN: 1.
PROSITE: PSC0050; TNPR-NGPR-1; UNKNOMN_2.
PPOSITE; PSC0050; TNPR-NGFR-2, 2.
SECCENCE 440 AA, 47894 MM, 7E93670F3E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Align seg 1/1 to: 015531 from: 1 to: 440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         EMBL, AF016266, AABE1185.1, -.
EMBL, AB014718; BAA33723.1; -.
EMFL; AB014710; BAA33723.1; JOINED.
EMBL, AB014711; BAA33723.1; JOINED.
EMBL, AB014712; BAA33723.1; JOINED.
EMBL, AB014712; BAA33723.1; JOINED.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        EMBL; AB014714; HAA33723.1; JOINED.
BMEI; AB014715; RAA3372.1; JOINED.
EMBL; AB014715; BAA3372.3; JOINED.
EMBL; AB014717; BAA33723.1; JOINED.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IPR001368, TNFR_c6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HSSP; P19438; INCF.
InterPro; IPR000488; Death.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TNFR_C6; 2.
                                                                                                                Curr. Biol. 0:0-0(1997).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                alignment_scores:
Quality: 217.50
Ratio: 1.021
                                                                                                                                                                                                                                                                                                                   FERS Lett. 0:0-0(1997).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pfam; PF00531; death; 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-525-998A-1 x 015531
SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE FROM N.A.
                                                                                                                                                                                           SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Fercent Similarity:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Plam; PF00020;
                                                                                                                                                                                                                                                                              Tschopp J.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    alignment_block:
                                                                               Rell A.J.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            InterPro,
```

	AAATGOOGAAAAGGAAA LOGGI GAGGI GGAGATCTCTTTGTT GGAGAGI GG	¥C:
118	ArgCysAspSerGlyGluValGluLeuSerProCysTh	132
360 132	COGGGGATATOTG GEOGRAPHS AND	409 149
410 149	GTGAAAACCTITICCAGIGCICAATIGCAGCCTC.	456 163
457	CACCTCTCTGCAGG alstycysthrProTrpScrAshIedtucysValle	<u>ب</u> ھ
oc :	GAAACAGAACAGGGGGGGCCGCCATGCAGGTTTGTTTGTAAGAAA :	21
180	stysGluSerGlyThrtysHisSerGlyGluAlaProAlaVal	195
530 195	ACGAGICICIC::: ::	574 209
580	TIGICOLACOCAGATHGAGAAHGTTAAGGGGAGTGAGGAGTGAGGAGT	629
210	reques:	219
630 219	CAMAGIGMES :::::: rValAlaAla	679 235
680 235	TCCICTICATIONTTAAFSIAESSIAESAASBITSSAASF 	729 241
c	TACTOCATO	
242	ProfyrLeuLysGlyIleCysSerGlyGlyGlyGlyAspFroGluArg.	e in
768	GGGGGAGCITGAAGGAACTACTACTAACTAACT	817
258	gersorCharqProClyAlaCluAspAsnVal	272
	TOARTORS ACTORNARYTFOANDORAGE (1988)	
C4 C4		୍ୟ ନ
853	TTCASTCCGTGCCCASTTCCACCTTCACCCGACCTCCACCTATACCCCTTTTTTTT	yu2 305
603	CGGTGACTGTCCCAAACHTGCGGCLCCC	ÖE6
305	SluAlaCluArgSerGln	322
931	TEACCCALC	8/5
322	Asno	132
979 333	ACAGGGCTGGGGTGGGATGGGATGGGAAGGG 	1028 3 44
1029	CAGGGGCCACAAGGAAAAAAAAAAAAAAAAAAAAAAAAA	1078
344	pPhcAla	346
010	ACGCCGTGGTGGAGAACGTGCCCGTTGCGTTGCGTCGAAAGGAA	1128
347	AspLeuValProPheAspSerTrpGluProLeuMetArq	359
129	COCCITAGGGCTIGAGCGACCACGAGATCGA FCGGCTTGGAGCT GCAGAACGG	1178

```
SEQUENCE FROM N.A MEDIAMS STATES STATES SECTION OF A MEDIAMS STATES SECTION MANDED TO SECTION OF A MEDIAMS SECTION OF A MEDIAM SECTION OF A MEDIAMS SECTION OF A MEDIAM SECTION OF A MEDIAMS SECTION OF A MEDIAM SECTION OF A MEDI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens (Human).
Eakāryotā, Medāzon, Chordata, Craniata, Verfebrata, Foteleoskomi;
Mammalia; Eutheria; Primates; Catartdini; Hominidae; Homo.
                                                                                                                                                                              1179 GCGC1GCU1GCGCAAGGCGCAAIACAGCATGUIGGCGACCIGGAAGGCGGC 1228
                                                                                                                                                                                                                                                                                                                                                                                                         1229 GCACGCCCCCCCCCCABBCCTCGAATTBCTGGACBCGTGCTCCCC 1278
                                                                                                                                                                                                                                                                                        375 aAlaGlyHisAigAskThracTyrthiMcticaliciystipVaiAshl 892
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ....GlyAraAspAlaser 398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           66 ATACCCTCAGGGGTTATT.....GGACTGGTCCT.....CACC 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  101 TAGGGGACAGGAGAAAAAAATAGT......qrqqqaaqaaaaa138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | HERBOOK | CONTROL | CONT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    16 GLOCCEDADETGC LOCTGCCACTGG GG LCCTGGAGCLG LGG EGGAAL 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  50 rAlaGluSerAlateuIlethrGlaGlnAspleuAiaProSinGlaArgA +7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             34 ValProLysInrLeuValLeuValValAlaAlaValLeuLeuLeuValSe 'C
1279 GACATGGACCTGCTCGCTGCCTGGAGGACATCGAGGAGGTGTT 1323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           999 ValHistherlendavaspAlaLenGlüthrieuGiydinArates 413
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            01-JAN-1998 (TIEMBLIEL 05, Created)
(0.13An-1998 (TIEMBLIEL 05, Last sequence update)
(1.13A 2001 (TIEMBLIEL 17, Last amoutation speate)
APOPICSIS INDUCING RECEITOR LEATH R2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quality: 215.00 | Lebuth: 473 | Ratio: 1.014 | Gaps: 22 | Percent Similarity: 11.820 | Fercent (Justity: 25.144)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Align seq 1/1 to: 044763 from: 1 to: 440
                                                                                                                                                                                                                                                         PRES IMINARY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-525-998A-1 x 014763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   seq_name: sp_human:014763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    seq_documentation block:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NCBI_TaxID-9606:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      392 ysThr .....
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            aliqnment_scores:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           alignment_block:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    014763;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   18A11.82
```

1 39	GGAAAATATGCACCCTCAAAATAATTGGATTTGCTG	188
84	GlyHisHisIleSerG	92
189	CAAAGGAACCTACTTGTACAATGACTGTCCAGGCCCGGGGCAAAA	238
93		93
23.9 9.3	ACIGCAGGAGIGIGAGGGGC, TECTICACGCTC	285 109
286	CTCAGAC	335
110		124
136	GGAGATCTCTTCTTGCACAGTGGAC ::: ::: CluleuSerProCysthrThrThr	385 141
œ	AGAACCASTACCGGCATTATTGGAGTGAAAACCTTTTCCAGTGCTTCAA	~
141	luGlyThrPheArqGluGluAspSerProGluMetCysA	155
436 156	GCAGGCFGFGCCFCAATGGGAGCGFG 	462
463	CACCTCTCTGCAGAGAAAAAAAAAAAAAAAAAAAAAAAA	0
17.2	ofrpsc	187
506 187	ATGCAGG ::: sserg1	555 203
556	AAGAAAAGCC GGAATTOAAGAAGTTG TGCCTAGCCCAGATTGAGAATG	0
704	ThrProAlaSerProCys	211
606 233	TAAAGACATTGAGAATTAGAAAAACAAAGAGATGATTGCCACGGCATTT	655
556	TCITIGGICIFIGCCITITAFCCCICCFCFIC	705
2.28	laValPheValCysLysSerLeuLeu	236
237	TACCAACGGIGGAAGICCAAGCICIACTCGATTGITTGT	744
745	GGGAAATCGACACCTGAAAAAAGAGGGGGGGGGTTGAAGGAACTAC	793
250	YCLYCLYCLYASPPROCHARGValAspArg	264
794	ARCOCTGGCCCAAACCTCAGTCCCACT	828
264	rqProstyAlastuAspAsnValLeuAsnstulleValserlleLeustn	280
929 281	CCAGGCTTCACC 	878 297
0.70	TATOCKOCTONACOTONAC	
297	orbidlyValAsmMetLeuSerProGlyGluserGluHisLeuLeuGluP	314
329	00	954
314		m
955	CAGGGGCTGACCCCATCCTTGGGACAGCCCTGGCTCCGACCCCATCCC	1004

331	:::	336
1005	CAACTOTOTOTOTAGAAGTAGGAGAGAGAGAGAGAAAAAAAAAA	1054
336	336 uThrLeuArgGInCysPhcAspAspPheAla346	346
1055	1055 ACACTGATICALCEGIGACICETISTAÇICETISTISGELICAGAACGTGCCCCG 1104	1104
347	Asple 351	351
1105	TTGCGCTGGAAGGAATTGGTGGGGGCTAGGGCTGAGGCTGAGGT	1154
352	352 AspSerTrpGluProLeuMetArgLySteuGlyLeuMetAspAsnGlull	368
1155	CGATCGGCTG3AGCTG3AGAACG3GCTG3CTG3CTTGCCGCTGGCACGCACGCACC	1204
368	368 cLysValAlaLysAlaGluAlaAlaGlyHisArgAspihrLeuTyrf 384	184
1205	GCATGCTGGGGACCTGGACGCGCGCGCGCGCGCGCGCGCTG	1254
384	hrMetLeulleLysTrpValAsaLysThr393	393
1255	GAGCTIGGTGGGAGGGTGGTGGACALGGACGTGGTGGGTGGCTGGGT	1 +04
394	394GlyargaspalaScrValBisThrteuteuAspalateuGl 407	407
1305	1305 GGANATOGAAAGAATT 1323	
407	uthrieuglygluargieu 413	

			•